Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 03 Dec 2022 until 23:59 on Sunday 04 Dec 2022

Forecast Issued on Friday 02 Dec 2022 at 14:46

Confidence: High confidence for a colder spell of weather with winds turning northerly early next week and freezing level lowering with some snow flurries likely on the hill tops. Cloud detail is more uncertain over the weekend.

Headline for Saturday 03 Dec 2022: Cloudy start but becoming a bright with sunny spells for a time, fresh northeasterly winds.

Mountain weather hazards on Saturday 03 Dec 2022

Blizzards Low Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
MIST	MIST	MIST					
Mist	Mist	Mist	Cloudy	Sunny intervals	Cloudy	Dull	Sleet showers (night)
Precipitation probability							
<05%	<05%	<05%	10%	10%	10%	10%	40%

Forecast for Saturday 03 Dec 2022

Weather: Mainly cloudy overnight and feeling chilly with temperatures towards freezing on the hills. Mist and fog patches forming in prone spots but clearing slowly in the morning to leave sunny spells for a time in the middle of the day, remaining cold in the winter sunshine. Further mist is likely by late afternoon and more cloud developing in the evening with some showers later, turning wintry on the tops of the hills.

Chance of cloud-free hill tops above 600m: 40% improving to 70% during the day then falling back to 50% later as cloud forms.

Low cloud and visibility: Scattered low cloud around 400m and above in the morning will become patchy by mid morning with most tops clear for the middle of the day. Cloud becoming more scattered and lowering to 500m or so in the afternoon, more low cloud in the east. Visibility will be moderate in any early mist and poor in fog patches otherwise generally good visibility during the day, falling moderate later in the afternoon again.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 03 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 NE	16/21 NE	16/22 NE	17/23 NE	17/23 NE	17/23 NE	18/24 NE	15/21 NE	14/20 NE
300	9/15 NE	9/14 NE	9/15 NE	11/17 NE	13/19 NE	12/19 NE	12/20 NE	11/18 NE	11/18 NE
Valley	6/16 NE	5/15 NE	6/16 NE	7/17 NE	9/19 NE	9/20 NE	9/19 NE	10/21 NE	9/19 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	1/-4	1/-5	1/-5	1/-4	1/-5	1/-5	0/-5	0/-5
300	4/0	3/0	3/-0	3/-1	4/-0	4/-0	3/-1	3/-2	2/-2
Valley	4/2	4/2	4/1	4/1	5/2	4/1	4/0	3/-0	3/-1
Freezing Level*	900m	800m	800m	700m	700m	700m	700m	700m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fresh east or northeasterly winds and feeling cold at height, note the freezing level falling towards summit height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 02 Dec 2022	0.2mm	0.2mm	0.8mm

Forecast for Sunday 04 Dec 2022

Weather: Cloudy overnight with a few showers cold. Quite a cloudy dull day and cloud will thicken at times to give some showers in the east. These may be sleety or snow flurries on the tops. Significant wind chill at height in the fresh northeasterly winds.

Maximum wind: Northeasterly 15-20mph gusts 25mph.

Chance of cloud-free hill tops above 600m: 70% some low cloud in association with showers.

Low cloud and visibility: Scattered or broken cloud at times in the east above 500m, shrouding the tops, mainly in showers. Further west cloud will be patchy. Visibility will be moderate or poor at times in showers and snow showers.

Temperature: **Valleys:** Plus 2 rising to 7 Celsius.
At 600m: Zero Celsius
Freezing level: 700m

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